Keypad User Manual

Model Number: IV-IA502R

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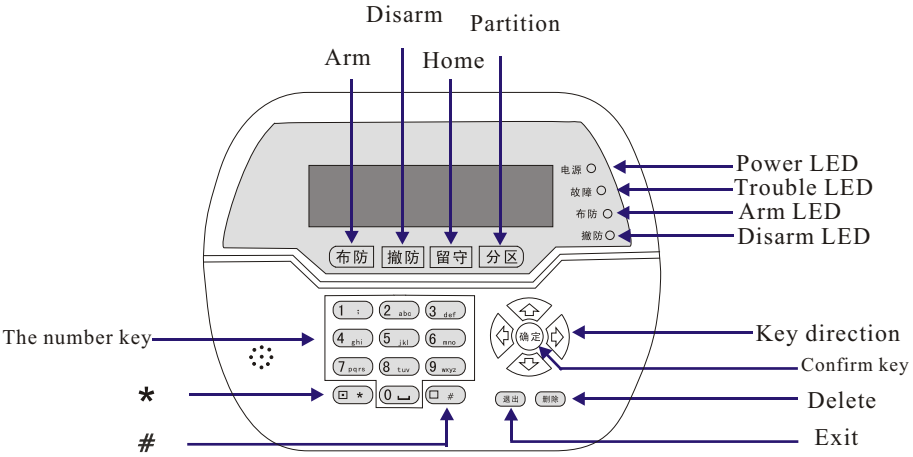
Keypad instruction



LED

Power:AC off slow flash, light on when no trouble;

Trouble:Light on when zone trouble, light off when no trouble;

Arm:Light off under disarmed,light flash slowly under stay, light on under armed status;

Disarm: Light on under disarmed status, light off under stay and armed status;

Key function:

Arm	The system can be armed different partitions via keypad at the same time
Stay	The system can be stayed different partitions via keypad at the same time
Disarm	The system can be disarmed different partitions via keypad at the same time
*	Set key
#	: Set key;

↑	: UP;
↓	: Down, Inquiry event logs under standby mode
←	Left, can set bypass zone under standby mode
→	Right, control appliance switch
Exit	Set key
Delete	Set key

Standard operation:

Admin password:012345

Main user password:1234,manage 1-4 partition;

16 groups user password: can set and manage partition;

Enter system setting: [*] + 【012345】+ [#]

Zone bypass:user password+ [←] + zone + [#] ， The keypad will display bypass zone.

Just one keypad can enter bypass setting at the same time, when one keypad under bypass setting status, and other keypads try to enter bypass setting, the system will remind trouble, but if for high level request, for example enter system setting, it will exit bypass setting

Appliance switch control：user password+ [→] + [#] ；

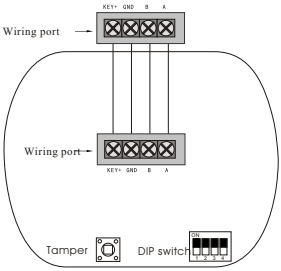
Arm：User password+arm key，all zones are effective under arm status;

Disarm：User password+disarm key, all zones are ineffective under disarm status;

Stay:User password+Stay key, burglar zones are ineffective under stay status;

DIP switch:

Keypad No.	DIP switch
1	
2	
3	
4	
5	
6	
7	
8	



Note：Keypad default No.1, when connect several keypads, each keypad parallel connect with control panel, each keypad with different DIP address, must connect the keypad with control panel before power on .

System setting

Enter system setting: admin password+ [#] (Default admin passwrd: 012345)

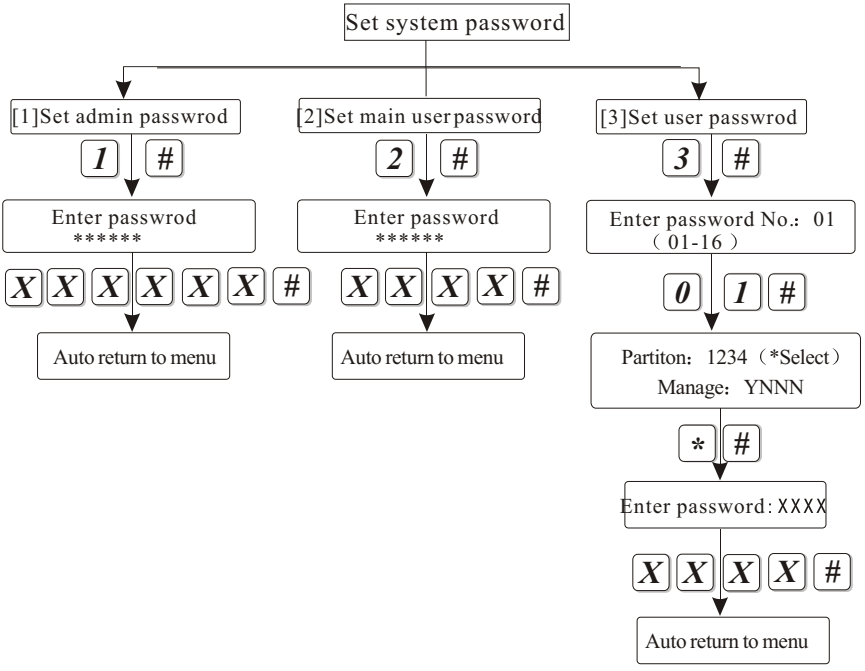
Exit system setting: press exit key

[*] + [0][1][2][3][4][5] + [#] →

- [1] Set system password
- [2] Set CMS
- [3] Set voice phone
- [4] Set system options
- [5] Set wireless device
- [6] Set system zone
- [7] Set system partition
- [8] Set GSM
- [9] Set advanced options

1.1

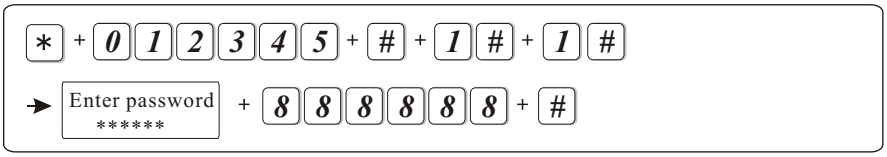
[*] + [0][1][2][3][4][5] + [#] + [1][#]



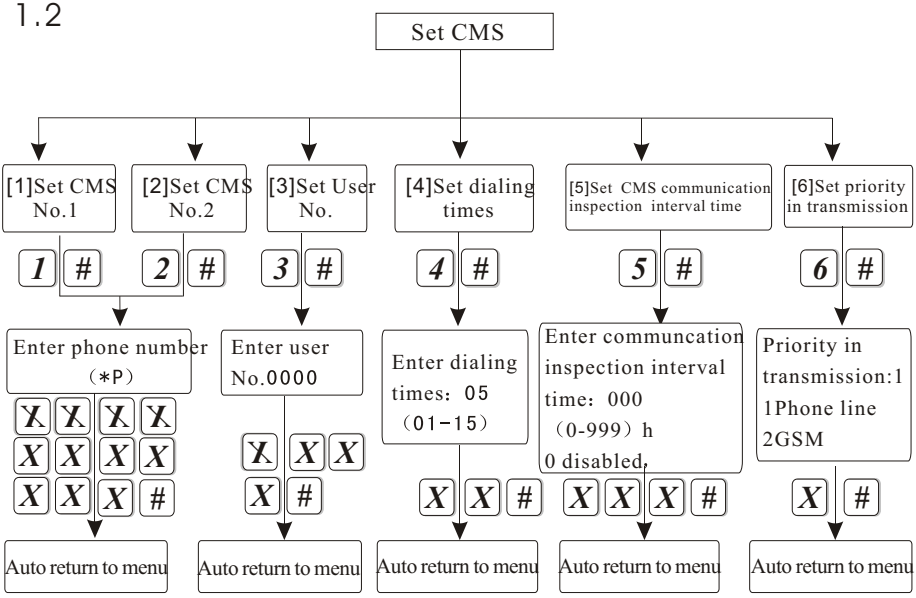
1.Admin password is 6 digits, main user password is 4 digits, can set 16 user password, the password No.:01-16, but the password Number from 02-16 can not enter user setting;

2.If forgot the password, the admin password is 000000 in 1 minute when the control panel power on

For example: change admin password to 888888



1.2



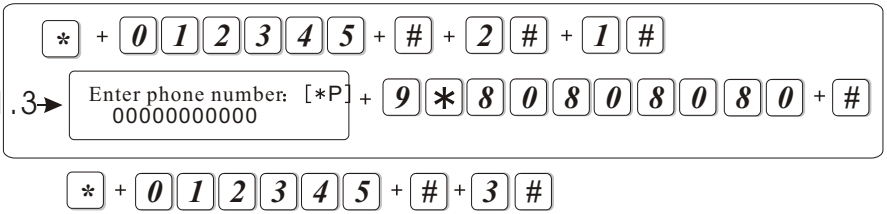
Note: 1.The user code is the identification code in CMS setting,CMS1 and CMS2 use the same user code;

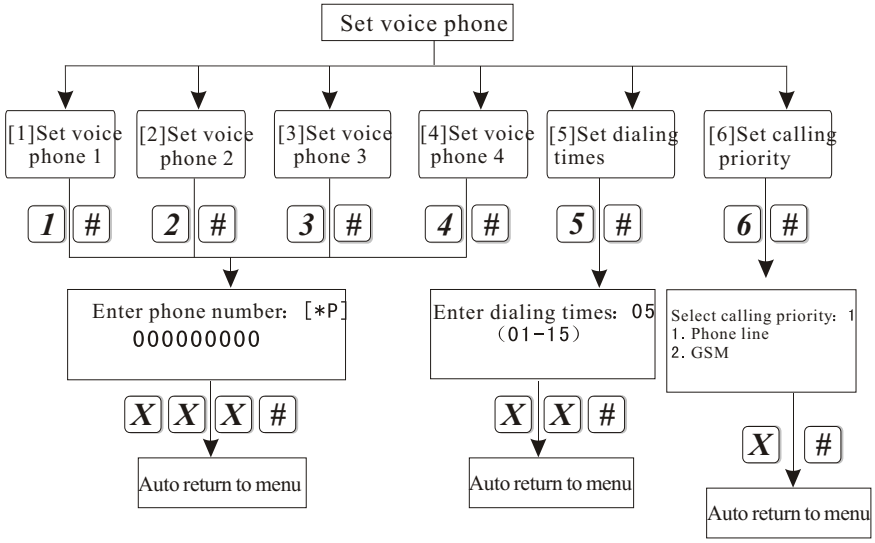
Dialing times can be set as 1-15, communication inspection interval time can be set as 0-999hours, the common setting is 24 hours.

2. When set phone number,long press 1, display the letter P, means pause 1 second when dialing, when the phone line which connect to control panel is sub-line, need a pause dialing;

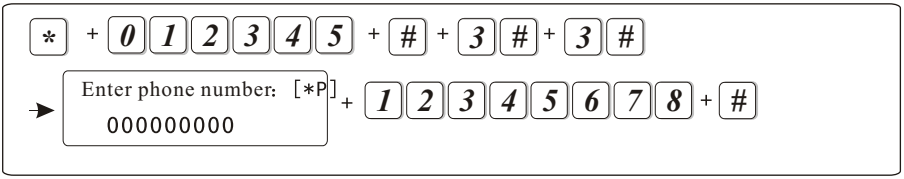
3. For GSM, just recognize the number behind P, can make sure telephone and GSM dial the same number

For example: the sub-line connect to control panel, CMS number is 80808080, in this way, set CMS number like this9P80808080, 9 is out code.

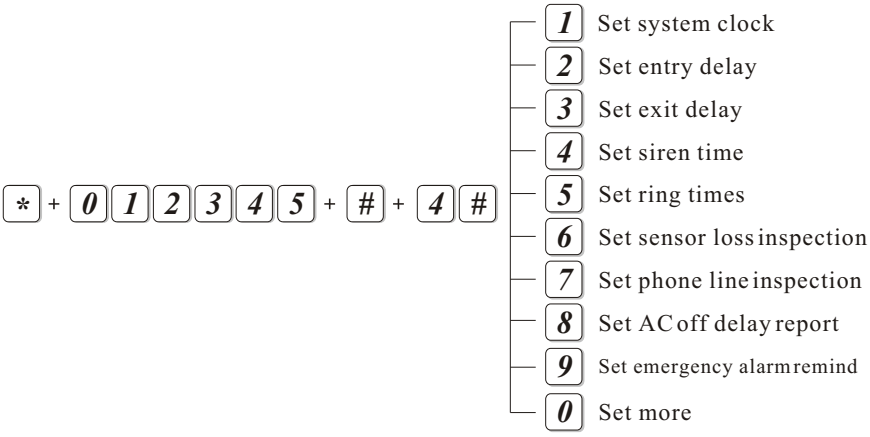




Note：1.The dialing times can be set as 1-15 times.
For example: Set voice phone number 3 as 12345678

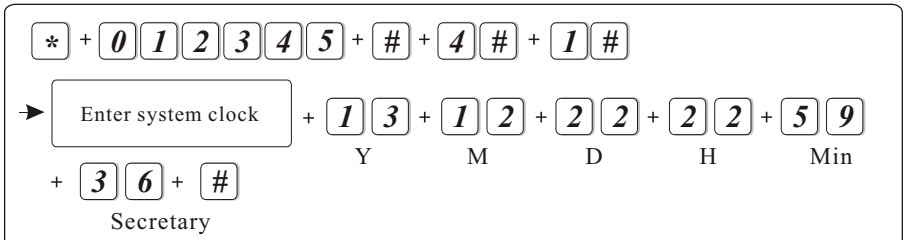


1.4


* + 0 1 2 3 4 5 + # + 4 #
1 Set system clock
2 Set entry delay
3 Set exit delay
4 Set siren time
5 Set ring times
6 Set sensor loss inspection
7 Set phone line inspection
8 Set AC off delay report
9 Set emergency alarm remind
0 Set more

1.4.1 Set system clock

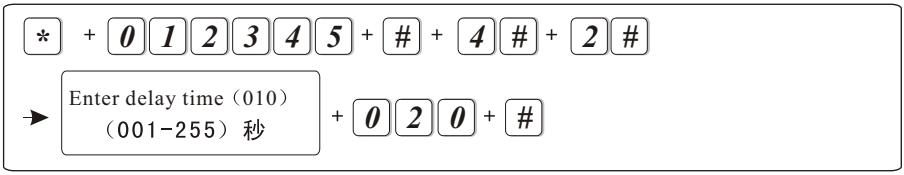
For example: Set system clock to 22:59:36 22/12/2013



According to flash of Y.M.D.H.Min.Sec on screen, enter 13.12.22.22.59.36 by turn also can press [UP] [DOWN] key to move cursor.

1.4.2 Set entry delay: when trigger alarm, the panel will give delay time(default setting is 10s)

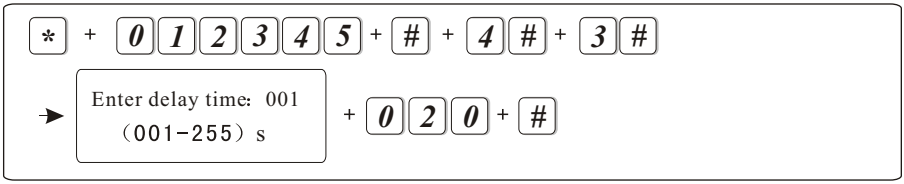
For example: set entry delay time as 20s



Note: Entry delay is just effective for delay zone, other zone type can not enter delay

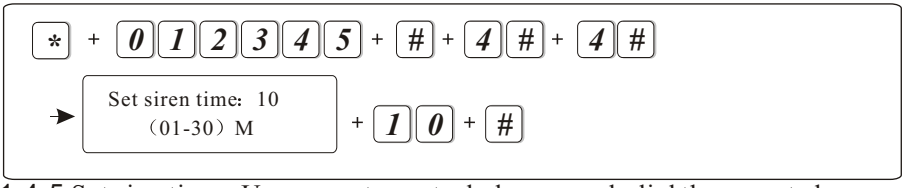
1.4.3 Set exit delay time: after user armed the system, it is convenient for user to exit the area after arm successfully, (the default setting is 10s)

For example: Set exit delay time as 20s



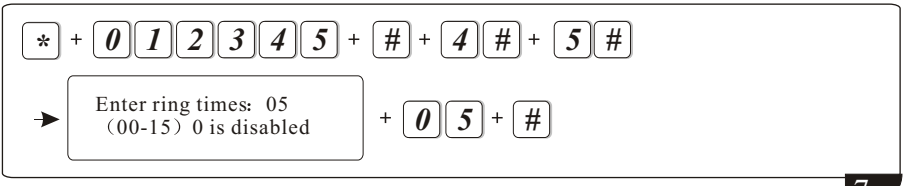
1.4.4 Set siren time: The siren ring time after alarm is triggered(the default setting is 5 minutes)

For example: Set siren time as 10 minutes



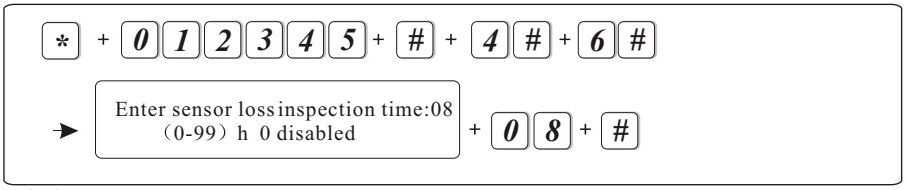
1.4.5 Set ring times: User remote control alarm panel, dial the preset phone number , the panel will off-hook after phone ring times(the default setting is 7 times)

For example: Set ring times as 5



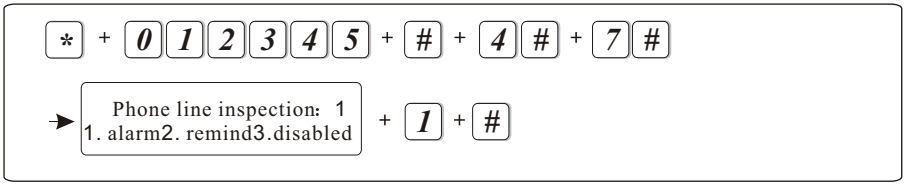
1.4.6 Set sensor loss inspection: the alarm panel will inspect the sensors status or alarm info in this time interval, if not receive, it is determined that the sensor is loss, the general setting is not less than 8 hours.(the default setting is 0 ,disabled this function)

For example: Set sensor loss inspection time as 8 hours



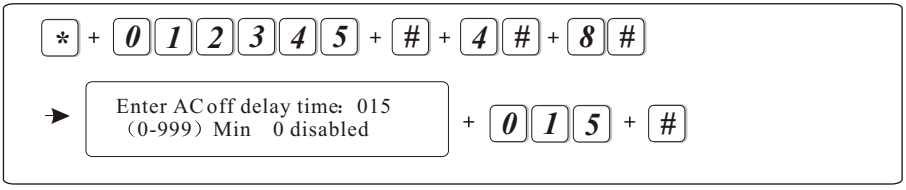
1.4.7 Set phone line inspection

For example: set phone line inspection



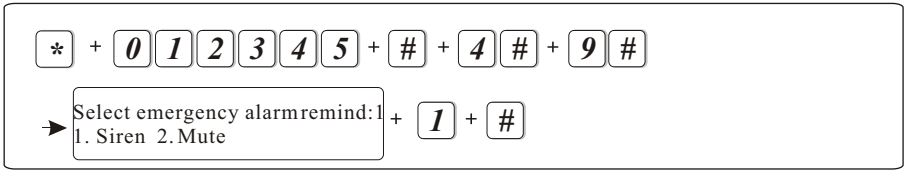
1.4.8 Set AC off delay report: when AC power is off, delay report to CMS (the default setting is 30 minutes)

For example: Set AC off inspection time as 15 minutes

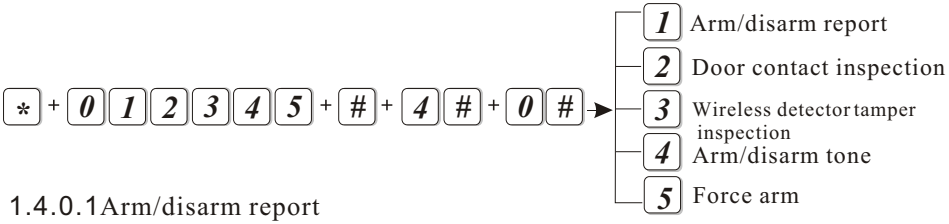


1.4.9 Set emergency alarm remind

For example: Set emergency alarm remind as siren tone

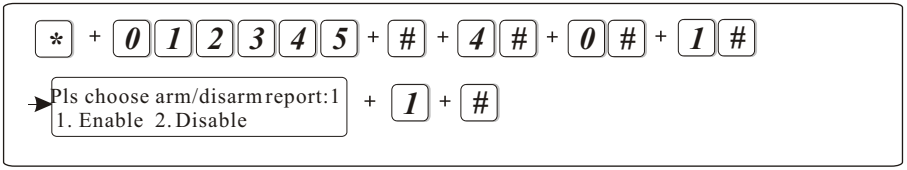


1.4.0


* + 0 1 2 3 4 5 + # + 4 # + 0 #
1 Arm/disarm report
2 Door contact inspection
3 Wireless detector tamper inspection
4 Arm/disarm tone
5 Force arm

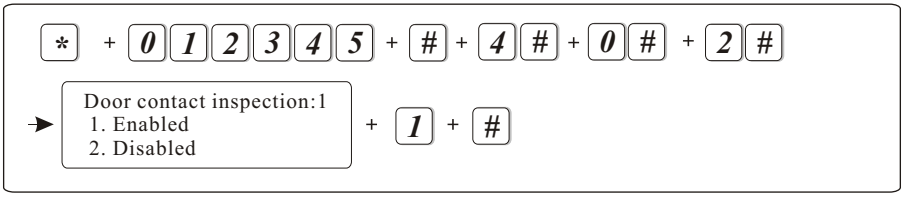
1.4.0.1Arm/disarm report

For example: Set arm/disarm report to CMS



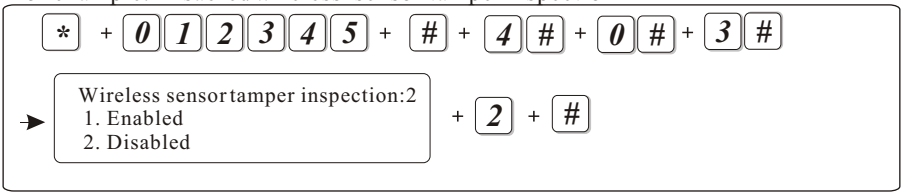
1.4.0.2 Door contact inspection: set if the control panel show zone trouble on LCD screen or not when separate the magnetic strip from transmitter (the default setting is disabled)

For example: Enabled door contact inspection



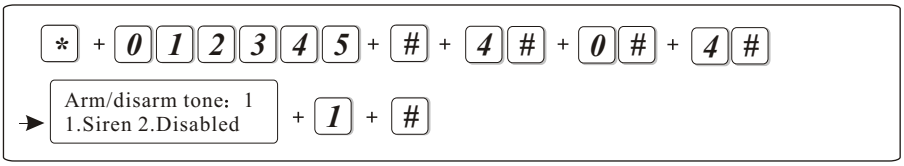
1.4.0.3Wireless sensor tamper inspection: if enabled, when trigger the sensor tamper, will trigger the alarm, if disabled, it will not trigger the alarm (The default setting is enabled)

For example: Disabled wireless sensor tamper inspection



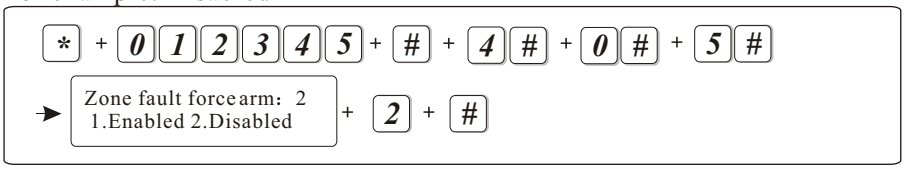
1.4.0.4 Arm/disarm tone

For example: set arm/disarm remind as siren tone

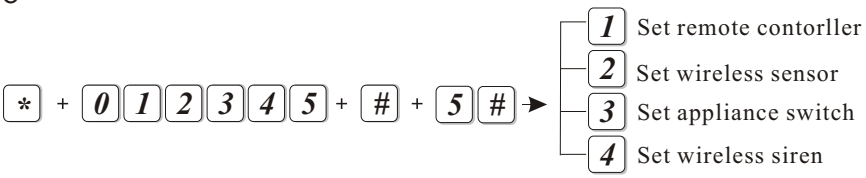


1.4.0.5 Force arm

For example: Disabled



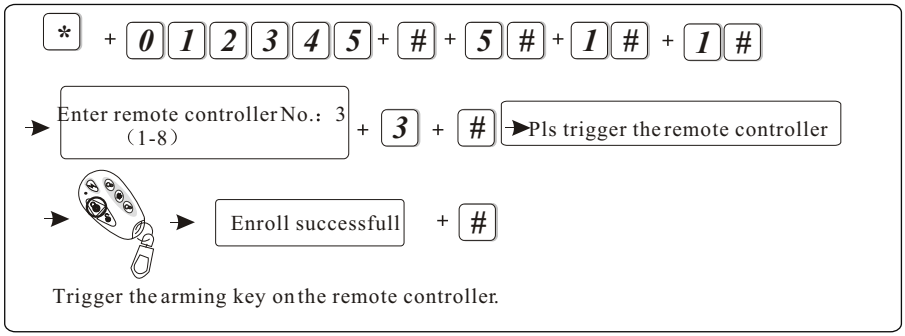
1.5



1.5.1

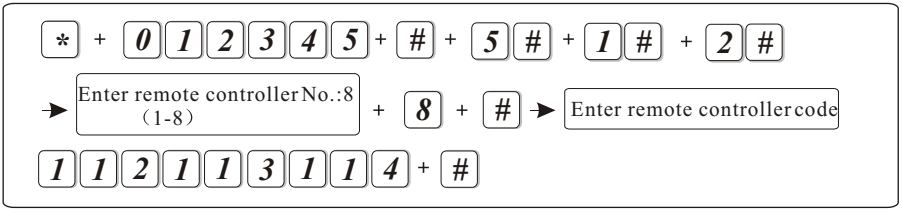
1.5.1.1Enroll remote controller

For example: Enroll remote controller to # 3


* + 0 1 2 3 4 5 + # + 5 # + 1 # + 1 #
Enter remote controller No.：3
（1-8）
+ 3 + #
Pls trigger the remote controller
Enroll successfull
+ #
Trigger the arming key on the remote controller.

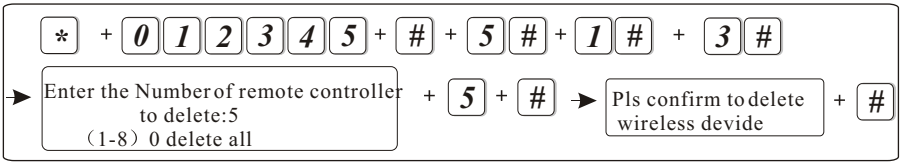
1.5.1.2Enter remote controller code

For example: Manual enter remote controller code 112113114 to #8 remote controoler

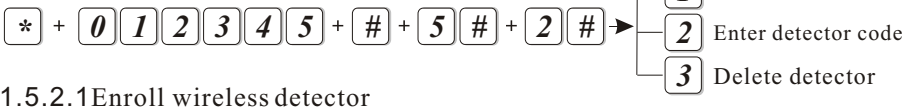


1.5.1.3Delete remote controller

For example: Delete #5 remote controller

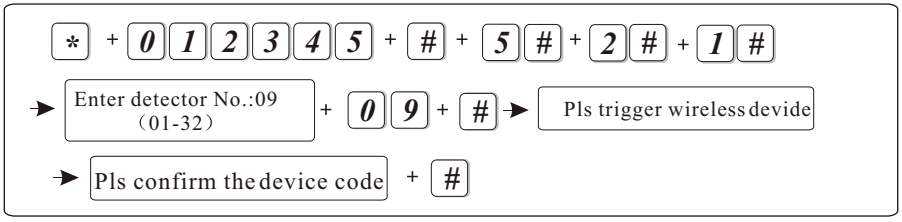


1.5.2



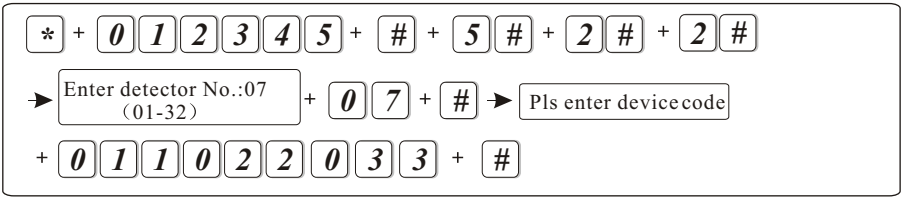
1.5.2.1Enroll wireless detector

For example: Auto enroll detector code to #9 detector



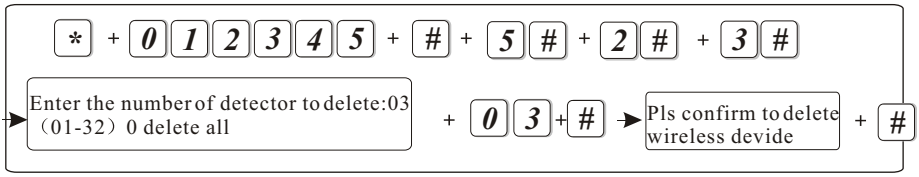
1.5.2.2Enter detector code

For example: Manual enter detector code 011055033 to #7 detector

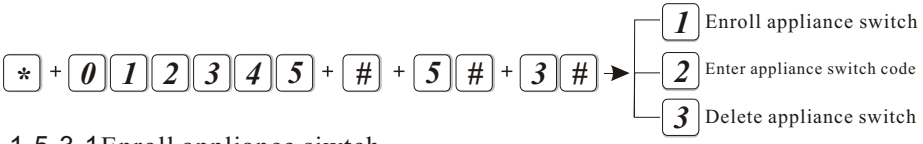


1.5.2.3Delete detector

For example: delete#3 detector

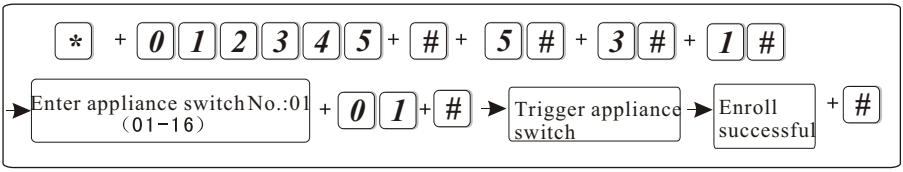


1.5.3



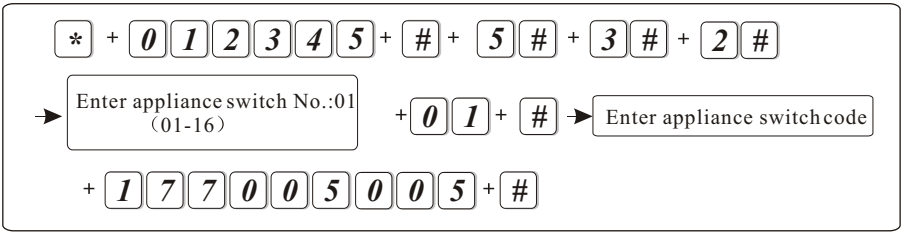
1.5.3.1Enroll appliance siwtch

For example: Enroll appliance switch to #1 switch



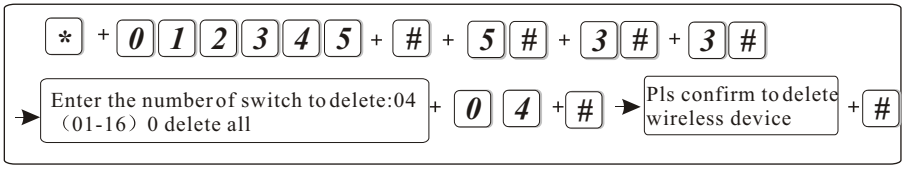
1.5.3.2 Enter appliance switch code

For example: Manual enter appliance switch to #1 switch



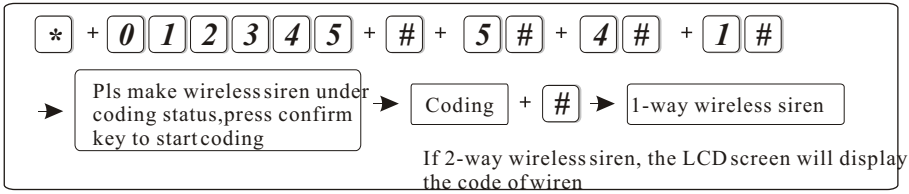
1.5.3.3 Delete appliance switch

For example: Delete #4 appliance switch



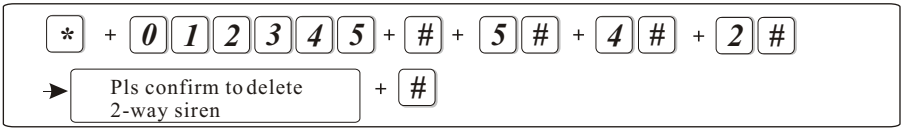
1.5.4

1.5.4.1 Enroll wireless siren


* + 0 1 2 3 4 5 + # + 5 # + 4 # + 1 #
Pls make wireless siren under coding status,press confirm key to start coding
Coding + #
1-way wireless siren
If 2-way wireless siren, the LCD screen will display the code of wiren

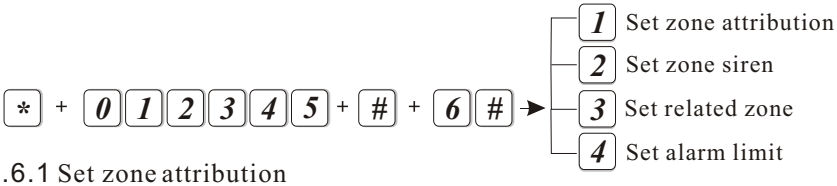
Note:When 2-way wireless siren make tamper alarm, the keypad will display Zone41 one panel just can enroll 1pcs 2-way siren, for 1-way siren, no limit.

1.5.4.2Delete wireless siren



Note: It is 2-way wireless siren to delete

1.6



1.6.1 Set zone attribution

The type of zone attribution is as below:

0>Disable zone 1>Delay zone 2>Perimeter zone 3>Interior zone

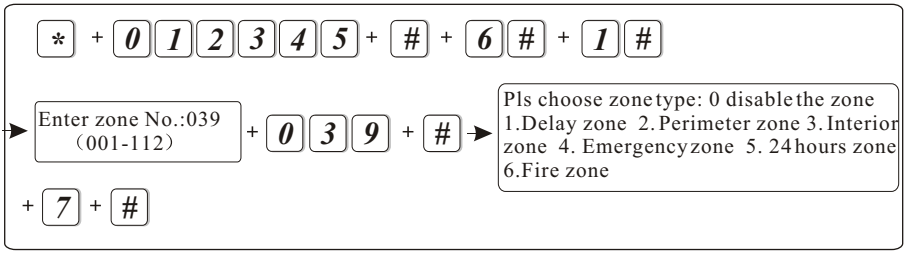
4>Emergency zone 5>24 hours zone 6>Fire zone

1. Zone attribution is the alarm type of the zone display on the keypad when the zone is triggered. When set zone attribution as 0 is to disable the zone, the panel will not make alarm when trigger this zone
2. Interior zone only trigger alarm when the system under arm status.
3. Delay and perimeter zone trigger alarm when the system under stay or arm status,
4. Emergency, 24 hours ,fire zone will trigger the alarm when the system at any status,

Factory default setting:

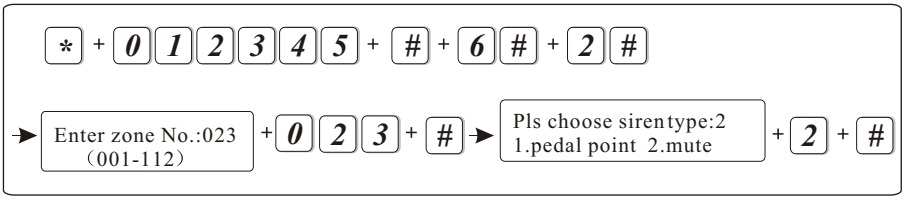
Wireless zone 1-32 enable, wired zone 33-40 disable, 41 is for wireless 2-way siren

For example: Set zone 39 as perimeter zone


* + 0 1 2 3 4 5 + # + 6 # + 1 #
Enter zone No.:039
（001-112）
+ 0 3 9 + #
Pls choose zone type: 0 disable the zone
1.Delay zone 2. Perimeter zone 3. Interior zone 4. Emergency zone 5. 24 hours zone
6.Fire zone
+ 7 + #

1.6.2 Set zone siren (the default setting is pedal point)

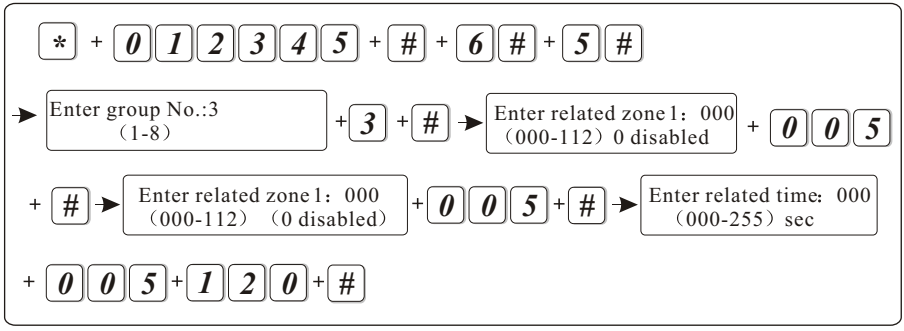
For example: Set zone 23 siren type as mute



1.6.3 Set related zone：

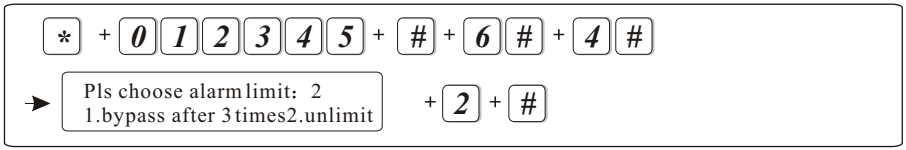
Trigger the related zone 1,2 separately will not trigger alarm, during the related time trigger zone 1 and 2, then the related zone 1 and 2 will make alarm

For example: set zone 5 and zone 9 as group 4 dual trigger mode related zone，the related time is 120sec.

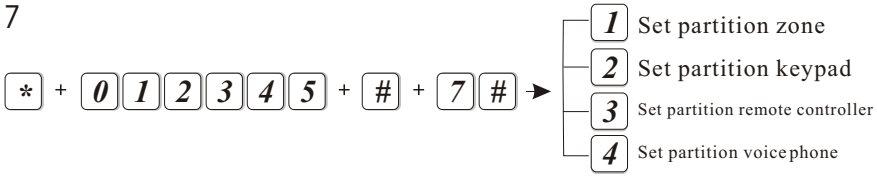

* + 0 1 2 3 4 5 + # + 6 # + 5 #
Enter group No.:3
（1-8）
+ 3 + #
Enter related zone 1：000
（000-112）0 disabled
+ 0 0 5
+ #
Enter related zone 1：000
（000-112）（0 disabled）
+ 0 0 5 + #
Enter related time：000
（000-255）sec
+ 0 0 5 + 1 2 0 + #

1.6.4 Set alarm limit

For example: Set as unlimit

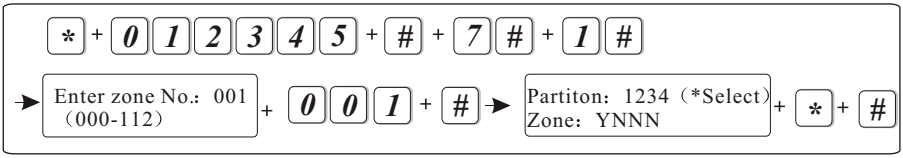


1.7



1.7.1 Set partition zone

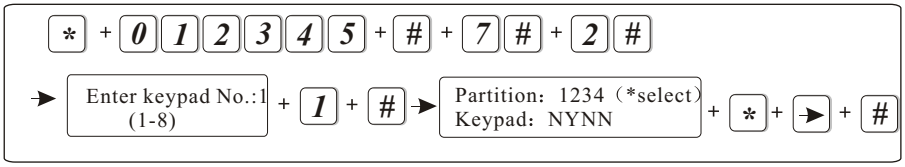
For example: Set 001 zone belong to partition 1



Note: Total 4 partitions

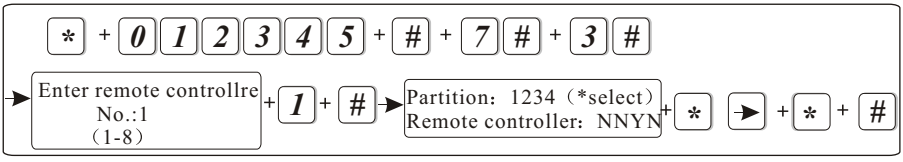
1.7.2 Set partition keypad

For example: Set keypad 1 belong to partition 2



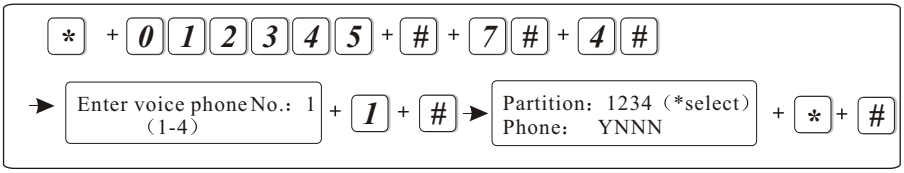
1.7.3 Set partition remote controller

For example: Set remote controller 1 belong to partition 3

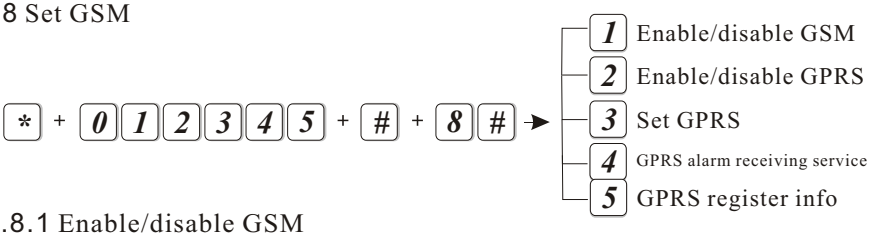


1.7.4 Set partition voice phone

For example: Set voice phone 1 belong to partition 3

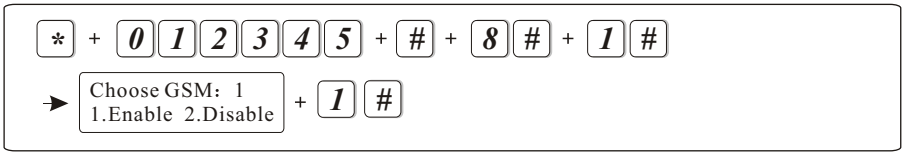


1.8 Set GSM



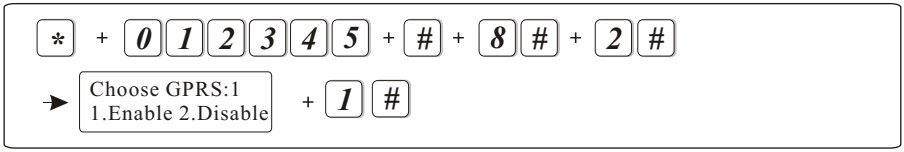
1.8.1 Enable/disable GSM

For example: Enable GSM

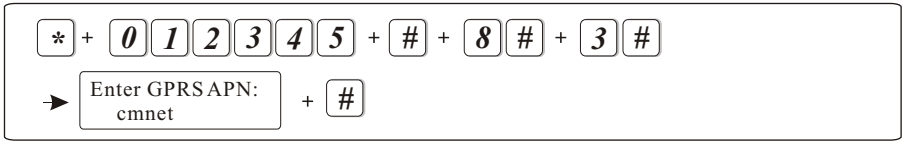


1.8.2 Enable/disable GPRS

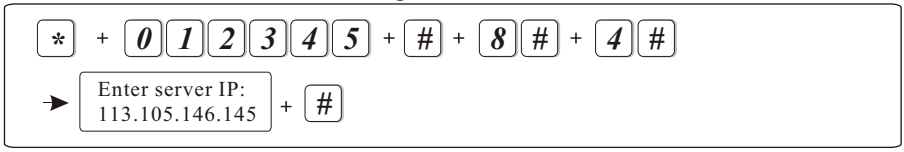
For example: Enable GPRS



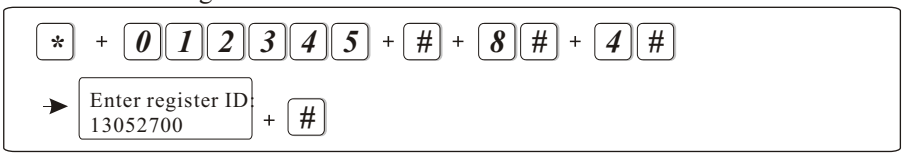
1.8.3 Set GPRS



1.8.4 Set GPRS alarm receiving service



1.8.5 GPRS register ID



50	System 00 zone	7	
51	Delay zone	7	
52	Perimeter zone	7	
53	Interior zone	7	
54	24 hours zone	7	
55	Emergency zone	7	
56	Fire zone	7	
57	Tamper alarm	7	
58	Detector low battery	5	
59	Detector low battery resume	5	
60	Detector loss	5	
61	System low battery	5	
62	System AC off	5	
63	System AC resume	5	
64	Zone bypass	5	

65	Phone line trouble	5	
66	Timing comunication test	5	
67	Wired zone loop trouble	0	
68	Wired zone loop resume	0	
69	System low battery resum	0	
70	Communication trouble	0	
71	Bypass resume	0	
72	Alarm cancel	0	
73	Disarm	0	
74	Stay	0	
75	Arm	0	
76	Programme change	0	
77	Arm failure	5	
78	Phone line resume	4	
79	Communication resume	4	

Programming address 50-79 are correspond to the options for the alarm content, the right of the data are factory default

Set alarm data as below:

0>Do not send any info 1>Only send SMS 2>Only telephone line

3>SMS+telephone line 4>Only upload to CMS 5>Upload to CMS+SMS

6>Upload to CMS+telephone line 7>Upload to CMS+SMS+telephone line